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MTC 6888.2  
PATENT

**USE OF METAL SUPPORTED COPPER CATALYSTS  
FOR REFORMING ALCOHOLS**

ABSTRACT OF THE INVENTION

5        This invention is directed to a process for reforming  
an alcohol. The process comprises contacting an alcohol  
with a reforming catalyst comprising copper at the surface  
of a metal supporting structure, preferably a metal sponge  
supporting structure comprising nickel. In a certain  
10       preferred embodiment, hydrogen produced by the reforming  
process is used as a fuel source for a hydrogen fuel cell to  
generate electric power, particularly for driving a vehicle.